

CLAIMS

What is claimed is:

1. An interior trim panel, comprising:

a substrate compressed on both sides so as to form impressions in one side that extend through a full thickness of said substrate so as to create corresponding projections extending outwardly from an opposite side of said substrate; and

a layer of material adhered to said projections of said substrate,

wherein said layer of material and said projections of said substrate form an "I-beam" structure that enhances the strength of said interior trim panel.

2. The interior trim panel according to Claim 1, wherein said substrate and said layer of material are comprised of polyethylene terephthalate (PET) material.

3. The interior trim panel according to Claim 1, wherein said impressions are formed on a back side of said substrate, and wherein said projections extend from a front side of said substrate.

4. The interior trim panel according to Claim 1, wherein said impressions and projections are arranged so as to have a maximum number per unit area of substrate.

5. The interior trim panel according to Claim 1, wherein said substrate and said layer are molded to form a headliner.

6. The interior trim panel according to Claim 1, further comprising a face fabric attached to said layer of material.